

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

MIAMI-DADE COUNTY

WinDoor, Incorporated 7500 Amsterdam drive Orlando, Florida, 32832

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "8000" Aluminum Sliding Glass Door W/ Reinforcements-L. M. Impact

APPROVAL DOCUMENT: Drawing No. **07-02-2231**, titled "8000 Series SGD-LMI", sheets 1 through 13 of 13, prepared by manufacturer, dated 03/01/07 and last revised on February 09, 2009 signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant Limitations:

1. See applicable reinforcements in sheets 1, 6 & 7. See glazing options in sheet 9.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 08-1010.10 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 12-0130.05 Expiration Date: November 18, 2012 Approval Date: April 12, 2012 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (transferred from file # 08-1010.10)
- 2. Drawing No. **07-02-2231**, titled "8000 Series SGD-LMI", sheets 1 through 13 of 13, prepared by manufacturer, dated 03/01/07 and last revised on February 09, 2009 signed and sealed by Luis R. Lomas, P.E.

Note: This revision consist of FBC 2010 update only.

B. TESTS (transferred from file # 08-1010.10)

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. NCTL-210-3350-1, dated 01/25/07 signed & sealed by Gerald J, Ferrara, P.E.

(Note: This test report has been revised by addendum letters August 28, 2007, issued by National Certified Testing Laboratories Inc, signed & sealed by Gerald J, Ferrara, P.E.)

C. CALCULATIONS

- 1. Statement letter of conformance to FBC 2010, dated January 19, 2012, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Anchor verification calculations complying w/ FBC-2007, dated 09-18-08 and last revised on 02-09-2009, prepared, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **08-1010.10**).
- 3. Glazing complies with ASTME-1300-02 &-04

D. OUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass ® Plus", expiring on 01/14/17.
- 2. Notice of Acceptance No. **08-1224.04** issued to Solutia, for "Saflex Composite glass interlayer w/ PET core", expiring on 12/11/2013.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 01/19/12, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Statement letters of conformance to FBC 2007 and "No financial interest", both dated Sep. 23, 2008, signed and sealed by Luis R. Lomas, P.E. (transferred from file # 08-1010.10)
- 3. Statement letter dated 11/24/2008, issued by Windoor, acknowledging use of proper Vanciva & SGP laminate thickness for LMI use, signed by Russell T. Traficante.
- 4. Lab compliance statement, as part of above referenced test report.

G. OTHER

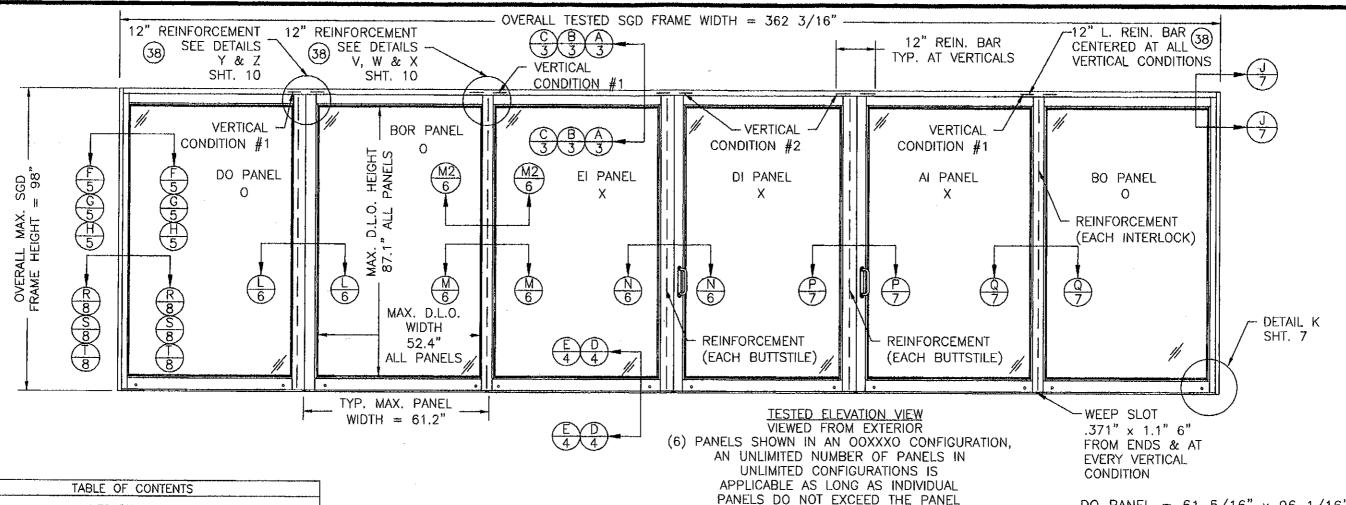
1. This NOA revises NOA # 08-1010.10, expiring on Nov. 18, 2012.

2. Test Proposal **06-0152**, approved by BCCO.

Ishaq I. Chanda, P.E. Product Control Examiner

NOA No 12-0130.05

Expiration Date: November 18, 2012 Approval Date: April 12, 2012



SHEET	TABLE OF CONTENTS
NUMBER	DESCRIPTION
1	ELEVATION & GENERAL NOTES
2	ANCHORING LAYOUT & NOTES
3	2T WS/NS VERTICAL CROSS SECTIONS
4	2I WS/2T NS VERTICAL CROSS SECTIONS
5	2T WS/NS HORIZONTAL CROSS SECTIONS
6	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
7	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
8	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
9	GLAZING DETAILS
10	HEADER REINFORCEMENT BAR DETAILS
11	BILL OF MATERIALS & UNIT COMPONENTS
12	UNIT COMPONENTS
13	UNIT COMPONENTS

GENERAL NOTES:

- VERTICAL CONDITIONS SHOWN HEREIN 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HVHZ.
- 2) 1X OR 2X BUCK TO BE ENGINEERED SEPARATELY AND CAPABLE OF TRANSFERRING LOAD IMPOSED TO THE SUBSTRATE.
- 3) MASONRY/CONCRETE, 1X OR 2X WOOD BUCK, 20 GAUGE STEEL FRAMING WITH 2X WOOD BACKING, ALL FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 4) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED, IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR INSTALLATION OF THIS PRODUCT.
- 5) OVERALL FINISHED UNIT WIDTH IS NOT LIMITED TO THE OVERALL TESTED WIDTH OF 362 1/2".
- 6) ALL UNITS MUST BE REINFORCED AS SHOWN IN VERTICAL AND HORIZONTAL CROSS SECTIONS.

1-13 D REVISED PER DADE LETTER DATED 01/22/09 01/26/09 TJH 1 - 13REVISED PER DADE LETTER DATED 11/09/08 11/19/08 TJH 1 - 13В 07/23/08 Updated to current Florida Building Code TJH A Corrected per Dade county letter dated May 13, 2007 08/17/07 DRL SHEET REV DESCRIPTION DATE ΒY REVISIONS

PRODUCT REVISED 2-0130.05 DO PANEL = 61.5/16" x 96.1/16" BOR PANEL = $61 \ 3/8$ " x $96 \ 1/16$ " EI PANEL = $62 \frac{1}{16}$ " x $96 \frac{1}{16}$ "

DI PANEL = $61 \ 1/16$ " x $96 \ 1/16$ " Al PANEL = $61 \ 3/8$ " x $96 \ 1/16$ "

BO PANEL = 61.5/16" x 96.1/16"

ALUMINUM REINFORCED SGD-LMI

MAXIMUM DESIGN PRESSURE RATING POSITIVE +100.0 PSF NEGATIVE -130.0 PSF

INCORPORATED

PRODUCT REVISED as complying with the Florida Building Code Action tauce No OG - 1010.10 Expiration Date Nov 18,2012 By Shag 1. Chand-Miami Dade Product Control Division

WinDoor

7500 AMSTERDAM DRIVE ORLANDO, FL 32832

Phone: 407.481.8400

www.windoorinc.com

SCALE N.T.S.

8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - ELEVATION & GENERAL NOTES DWG. NO.

03/01/07

SIZE Drn By: В TJH

07-02-2231

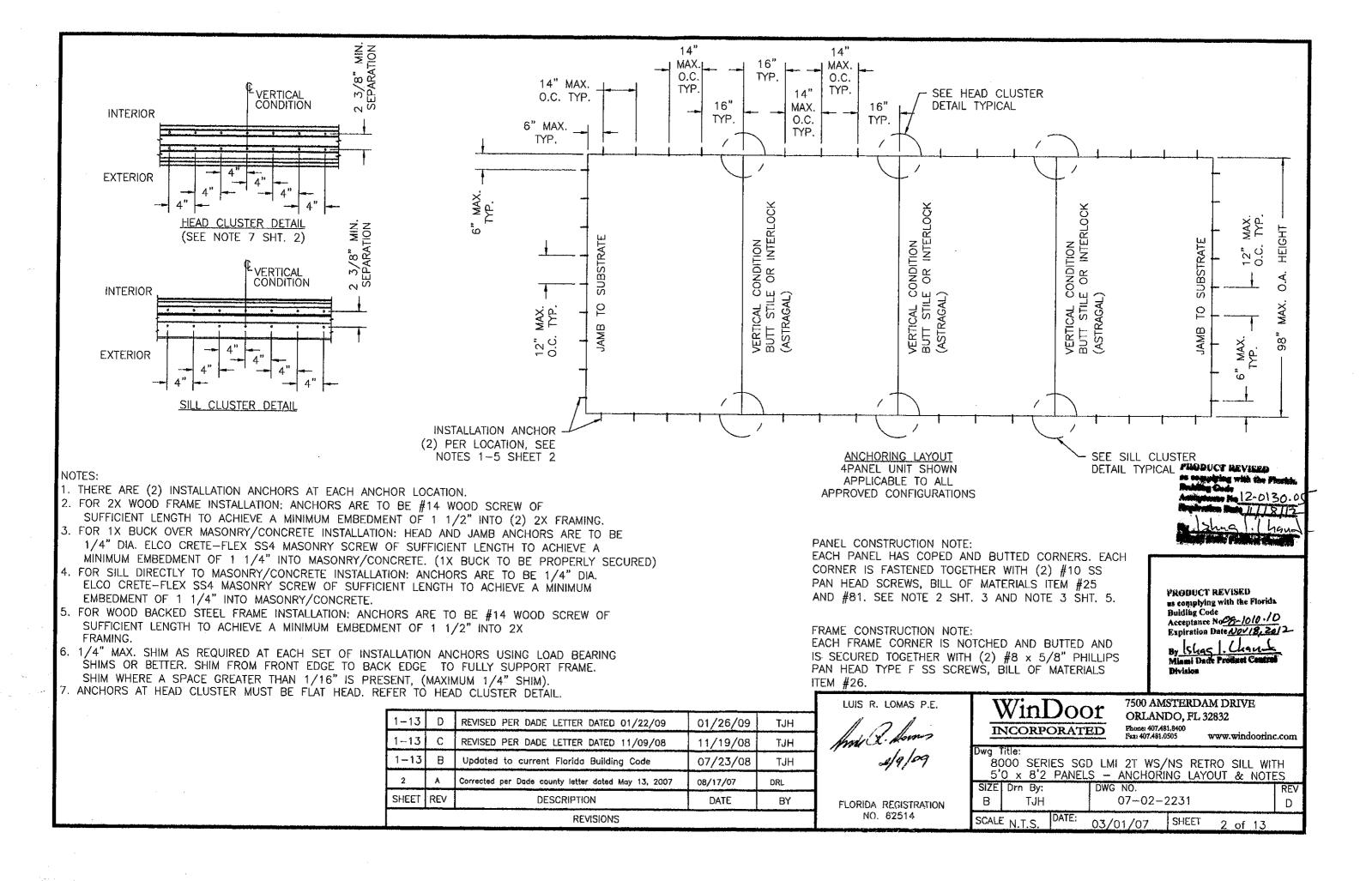
D SHEET 1 of 13

LUIS R. LOMAS P.E.

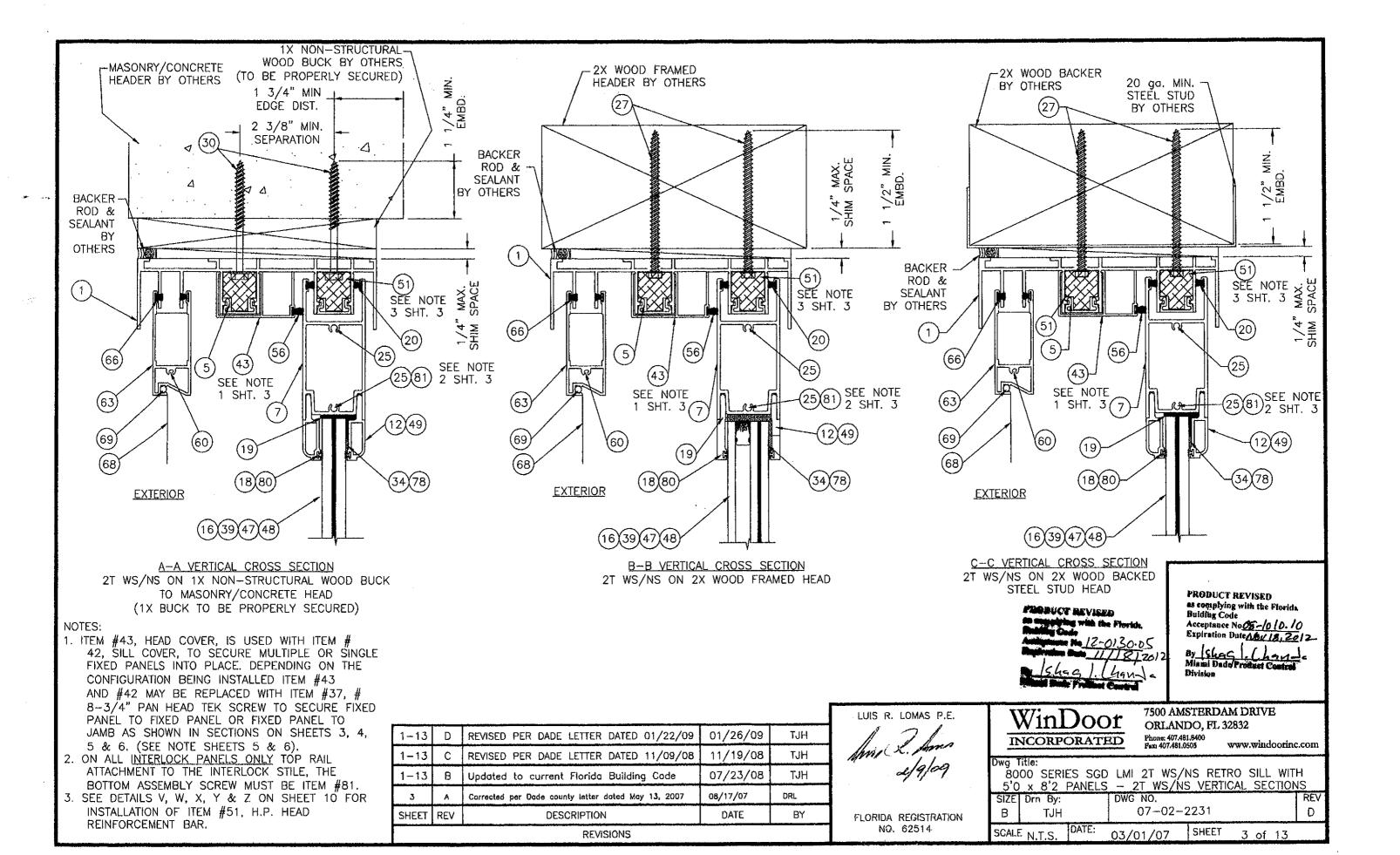
HEIGHT AND WIDTH TESTED AND USE

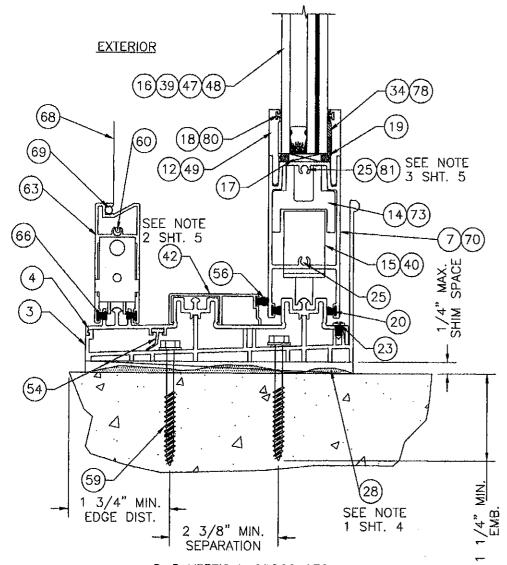
NO. 62514

FLORIDA REGISTRATION



A . 409





D-D VERTICAL CROSS SECTION
2T WS TO MASONRY/CONCRETE SLAB

NOTES:

1. SILL SHIM MUST BE SET IN A FULL BED OF APPROVED SEALANT OR NON-SHRINK HIGH STRENGTH GROUT.

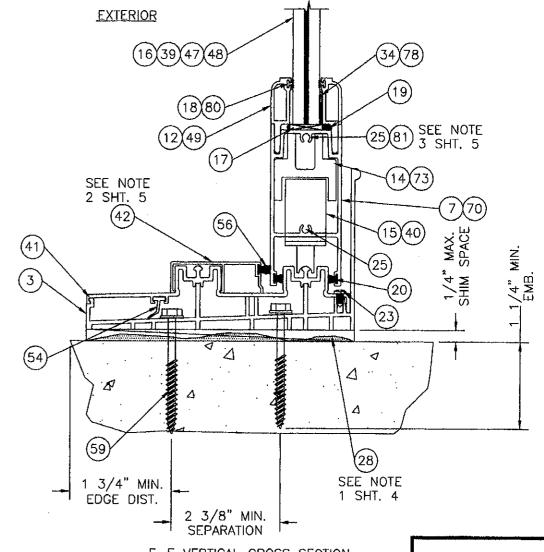
2. ITEM #42, SILL COVER, IS USED WITH ITEM #43, HEAD COVER, TO SECURE MULTIPLE OR SINGLE FIXED PANELS INTO PLACE. DEPENDING ON THE CONFIGURATION

BEING INSTALLED ITEM #42 AND #43 MAY BE REPLACED WITH ITEM # 37, #8-3/4" PAN HEAD TEK SCREW TP SECURE FIXED PANEL TO FIXED PANEL OR FIXED PANEL TO JAMB, AS SHOWN IN SECTIONS ON SHEETS 3, 4, 5 & 6.

(SEE NOTE SHEETS 5 & 6).

3. ON ALL INTERLOCK PANELS ONLY BOTTOM RAIL ATTACHMENT TO THE INTERLOCK STILE, THE TOP ASSEMBLY SCREW MUST BE ITEM #81.

SHEET	REV	DESCRIPTION	DATE	BY
4	Α	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
1-13	В	Updated to current Florida Building Code	07/23/08	TJH
1-13	Ç	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH



E-E VERTICAL CROSS SECTION
2T NS TO MASONRY/CONCRETE SLAB

And Social Project Control

PRODUCT REVISED
as complying with the Phosids
Building Code
Acceptance No S-1010.10
Expiration Date new 13, 2012
By Slees : Lagge

LUIS R. LOMAS P.E.

Shir R. Som

FLORIDA REGISTRATION NO. 62514 WinDoor INCORPORATED

7500 AMSTERDAM DRIVE ORLANDO, FL 32832

Phone: 407.481.8400 Fax: 407.481,0505

00 www.windoorinc.com

wg Title:

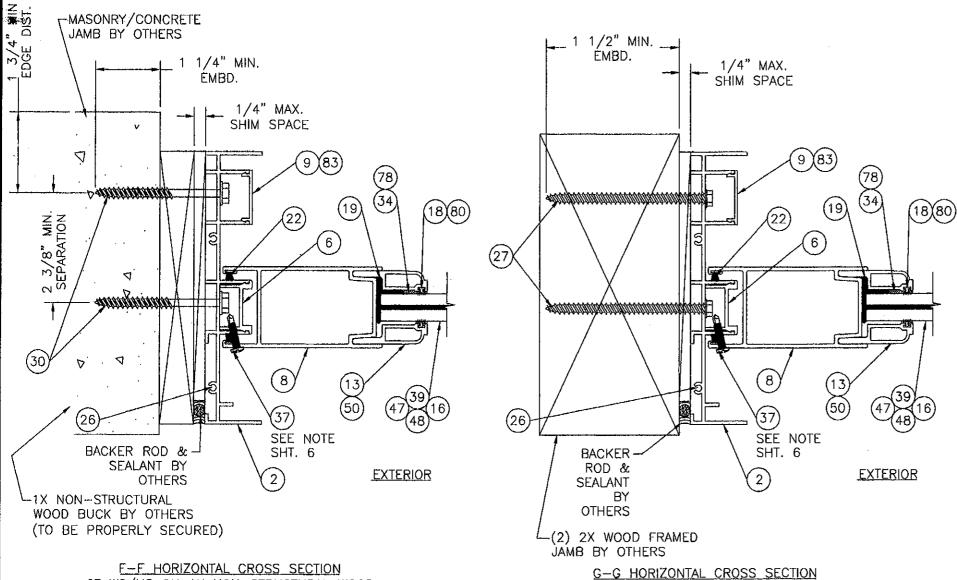
SCALE N.T.S.

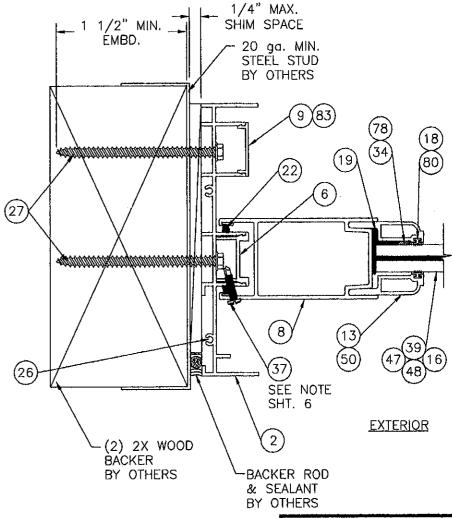
8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - 2T WS/2T NS VERT SECTIONS TRE

SIZE Drn By: B TJH

07-02-2231

03/01/07 SHEET 4 of 13





H-H HORIZONTAL CROSS SECTION 2T WS/NS ON 2X WOOD BACKED STEEL STUD JAMB

12-0130.05 11/18/12 15/49 1. Chanle PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1010.10
Expiration Date 16, 2012.

Miami Dade Preduct Control
Division

2T WS/NS ON 1X NON-STRUCTURAL WOOD BUCK TO MASONRY/CONCRETE JAMB (1X BUCK TO BE PROPERLY SECURED)

NOTE: (FIXED PANEL TO FRAME JAMB)
ITEM #37, #8 x 3/4" SELF TAPPING
TEK SCREW IS USED TO SECURE THE FIXED PANEL
IN PLACE. (4) SCREWS ARE REQUIRED, 6" FROM
TOP AND BOTTOM OF PANEL AND (2) MORE
EQUALLY SPACED. IN THIS CONDITION ONLY (1)
SET OF SCREWS IS REQUIRED. SCREWS ARE
SHOWN ON THE EXTERIOR FACE OF THE UNIT, BUT
CAN BE INSTALLED ON THE INTERIOR FACE
INSTEAD. DEPENDING ON THE CONFIGURATION
BEING INSTALLED ITEM #37 MAYBE REPLACED WITH
ITEM #43, HEAD COVER, AND ITEM #42, SILL
COVER, SEE CROSS SECTIONS ON SHEETS 3, 4, 5
& 6. (ALSO SEE NOTE SHEET 6).

1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
1-13	С	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	В	Updated to current Florida Building Code	07/23/08	TJH
5	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
SHEET	REV	DESCRIPTION	DATE	BY
		REVISIONS		

2T WS/NS ON 2X WOOD FRAMED JAMB

LUIS R. LOMAS P.E.

FLORIDA REGISTRATION NO. 62514

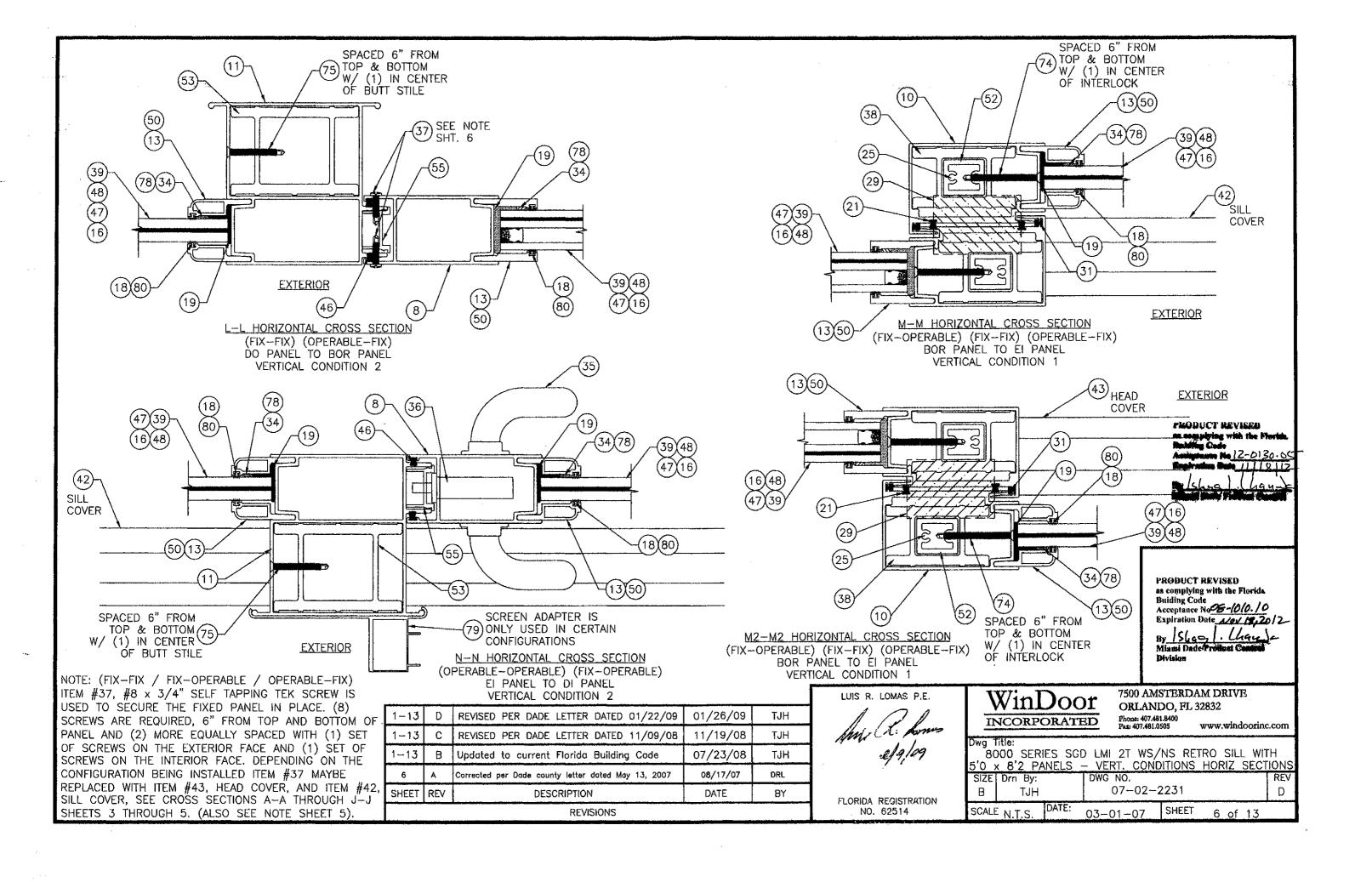
WinDoor
INCORPORATED

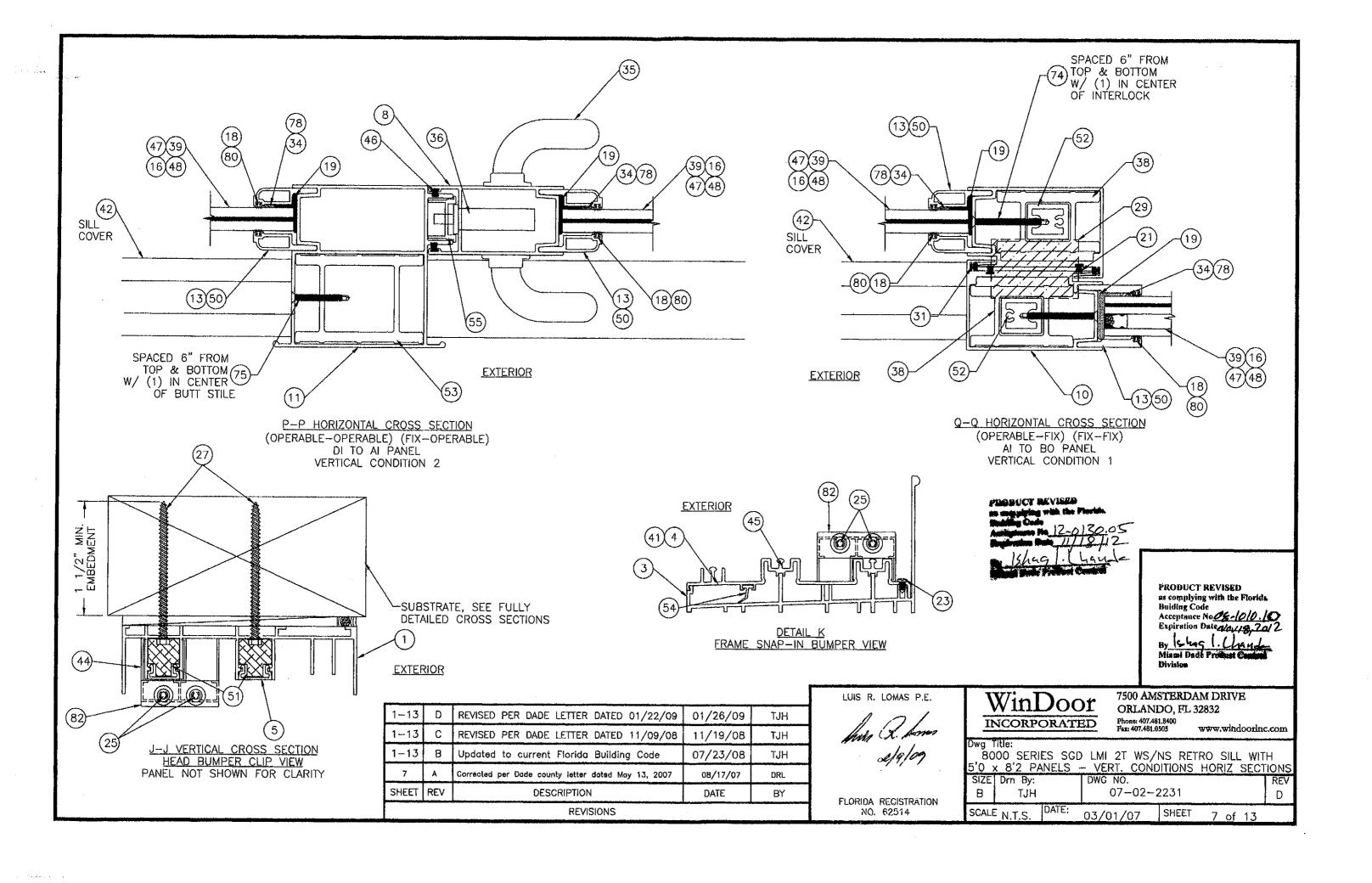
7500 AMSTERDAM DRIVE ORLANDO, FL 32832

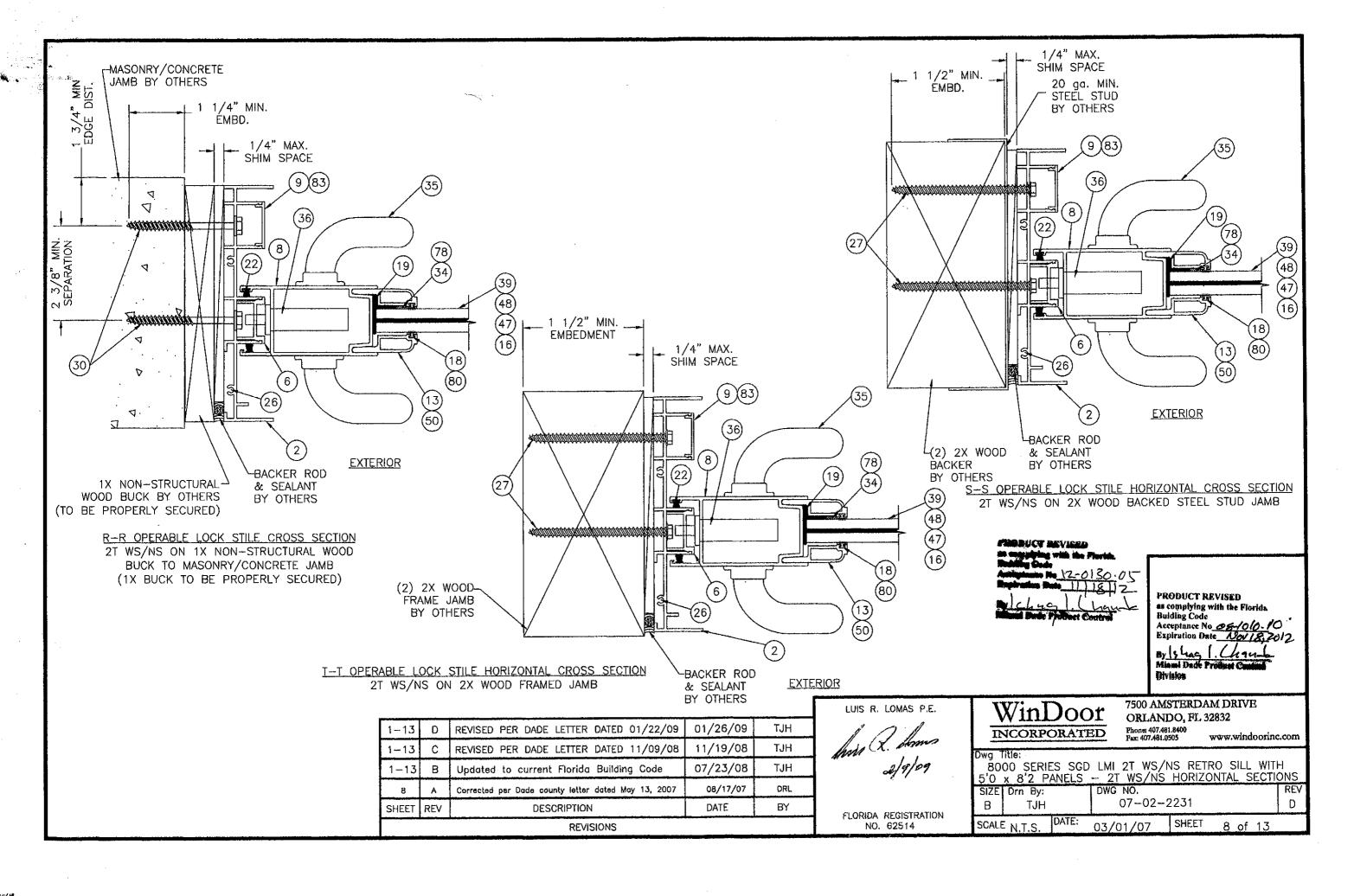
Phone: 407.481.8400 Fex: 407.481.0505

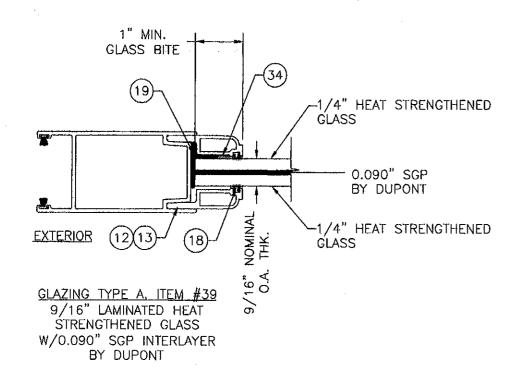
.0505 www.windoorinc.com

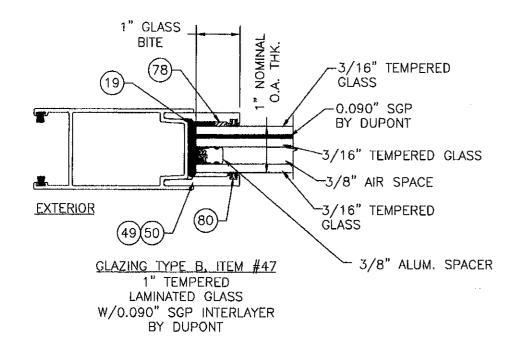
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	Drn By: TJH		DWG NÖ. 07-0	<u>-</u>					REV D
SCALE	N.T.S.	DATE:	03/01/0	7	SHEET	5	of	13	

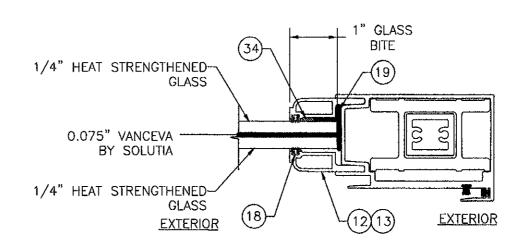




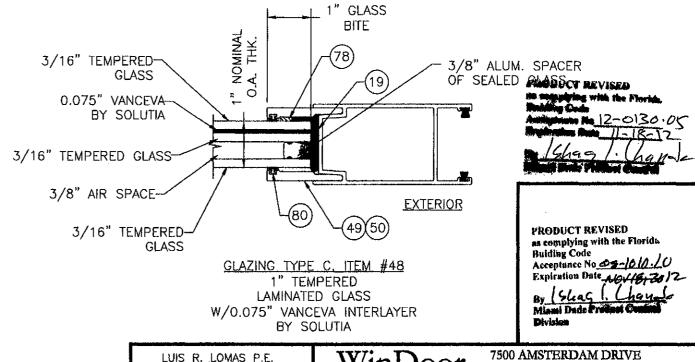








GLAZING TYPE C, ITEM #16 9/16" LAMINATED HEAT **STRENGTHENED GLASS** W/0.075" VANCEVA INTERLAYER BY SOLUTIA



SHEET	REV	DESCRIPTION REVISIONS	DATE	BY
9	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
1-13	В	Updated to current Florida Building Code	07/23/08	TJH
1-13	С	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH

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8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - GLÁZING DETAILS SIZE Drn By: DWG NO. REV 07-02-2231 TJH D

SCALE N.T.S. SHEET 03/01/07 9 of 13

